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- Course of forensic sciences, Oct., 704
- see* Jones, A. M. and Weston, J. T.
- see* Palmer, C. H. and Weston, J. T.
- White, E. R.: Review of *Forensic Psychology: A Guide for Lawyers and the Mental Health Professions* by Gordon, Oct., 967
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- Wilkinson, P. K.: *see* Sedman, A. J., Wilkinson, P. K., and Wagner, J. G.
- Wilcox, D. P.: Child abuse laws: past, present, and future, Jan., 71
- Woolridge, E. D.: Prevention of legal problems in dentistry, Oct., 776
- Wound ballistics
- Wound ballistics: an analysis of a bullet in gel (Jauhari and Bandyopadhyay), July, 616

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